

Amendments to the Claims:

This listing of claims will replace all prior listings of claims in the application.

Listing Of Claims:

Claims 1-23 (cancelled).

Claim 24. (previously presented) A projector apparatus comprising:

a color separation optical system which separates illumination light into red-band light, blue-band light and green-band light components;

a first image forming panel illuminated with said red-band light component;

a second image forming panel illuminated with said blue-band light component;

a third image forming panel illuminated with said green-band light component;

a color synthesis optical system which synthesizes the light components from said first image forming panel, said second image forming panel and said third image forming panel illuminated;

a projecting optical system which projects light from said color synthesis optical system; and

said optical elements for adjustment of polarization condition each arranged on incident and exit surface sides of said first image forming panel, said second image forming panel and said third image forming panel, each of said optical elements including a substrate,

wherein a thickness of said substrate of said optical element arranged on exit surface side of said first image forming panel is larger than those of said substrate of said optical element arranged on exit surface side of said second and third image forming panels in said

optical elements each arranged on exit surface side of said first image forming panel, said second image forming panel and said third image forming panel.

Claim 25. (previously presented) An apparatus according to claim 24, wherein said optical elements include said substrates and polarizers.

Claim 26. (previously presented) A projector apparatus comprising:

- a color separation optical system which separates illumination light into red-band light, blue-band light and green-band light components;
- a first image forming panel illuminated with said red-band light component;
- a second image forming panel illuminated with said blue-band light component;
- a third image forming panel illuminated with said green-band light component;
- a color synthesis optical system which synthesizes the light components from said first image forming panel, said second image forming panel and said third image forming panel illuminated;
- a projecting optical system which projects light from said color synthesis optical system; and
- said optical elements for adjustment of polarization condition each arranged on incident and exit surface sides of said first image forming panel, said second image forming panel and said third image forming panel, each of said optical elements including a substrate,

wherein an area of said substrate of said optical element arranged on exit surface side of said first image forming panel is larger than those of said substrate of said optical element arranged on exit surface side of said second and third image forming panels in said optical elements each arranged on exit surface side of said first image forming panel, said second image forming panel and said third image forming panel.

Claim 27. (previously presented) An apparatus according to claim 26, wherein said optical elements include said substrates and polarizers.

Claim 28. (previously presented) A projector apparatus comprising:

- a color separation optical system which separates illumination light into red-band light, blue-band light and green-band light components;
- a first image forming panel illuminated with said red-band light component;
- a second image forming panel illuminated with said blue-band light component;
- a third image forming panel illuminated with said green-band light component;
- a color synthesis optical system which synthesizes the light components from said first image forming panel, said second image forming panel and said third image forming panel illuminated;
- a projecting optical system which projects light from said color synthesis optical system; and
- said optical elements for adjustment of polarization condition each arranged on incident and exit surface sides of said first image forming panel, said second image forming panel and said third image forming panel, each of said optical elements including a substrate, wherein a surface area of said substrate of said optical element arranged on exit surface side of said first image forming panel is larger than those of said substrate of said optical element arranged on exit surface side of said second and third image forming panels in said optical elements each arranged on exit surface side of said first image forming panel, said second image forming panel and said third image forming panel.

Claim 29. (previously presented) An apparatus according to claim 28, wherein said optical elements include said substrates and polarizers.

Claim 30. (new) A projector comprising:

a color separation optical system which separates an illumination light into a first color light, a second color light and a third color light;

a first image forming panel illuminated with said first color light;

a second image forming panel illuminated with said second color light;

a third image forming panel illuminated with said third color light;

a color synthesis optical system which synthesizes said first color light from said first image forming panel, said second color light from said second image forming panel, and said third color light from said third image forming panel;

a projection optical system which projects said synthesized light from said color synthesis optical system;

a first polarizing plate disposed between said color separation optical system and said first image forming panel;

a second polarizing plate disposed between said color separation optical system and said second image forming panel; and

a third polarizing plate disposed between said color separation optical system and said third image forming panel;

wherein a thickness of said first polarizing plate is greater than a thickness of said second polarizing plate and a thickness of said third polarizing plate.

Claim 31. (new) A projector according to claim 30, wherein said first polarizing plate comprises a first substrate having a polarizer at a first image forming panel side, said second polarizing plate comprises a second substrate having a polarizer at a second image

forming panel side, and said third polarizing plate comprises a third substrate having a polarizer at a third image forming panel side.

Claim 32. (new) A projector comprising:

a color separation optical system which separates an illumination light into a first color light, a second color light and a third color light;

a first image forming panel illuminated with said first color light;

a second image forming panel illuminated with said second color light;

a third image forming panel illuminated with said third color light;

a color synthesis optical system which synthesizes said first color light from said first image forming panel, said second color light from said second image forming panel, and said third color light from said third image forming panel;

a projection optical system which projects said synthesized light from said color synthesis optical system;

a first polarizing plate disposed between said color separation optical system and said first image forming panel;

a second polarizing plate disposed between said color separation optical system and said second image forming panel; and

a third polarizing plate disposed between said color separation optical system and said third image forming panel;

wherein a thermal conductivity of a material of said first polarizing plate is greater than a thermal conductivity of a material of said second polarizing plate and a thermal conductivity of a material of said third polarizing plate.

Claim 33. (new) A projector according to claim 32, wherein said first polarizing plate comprises a first substrate having a polarizer at a first image forming panel side, said second polarizing plate comprises a second substrate having a polarizer at a second image forming panel side, and said third polarizing plate comprises a third substrate having a polarizer at a third image forming panel side.

Claim 34. (new) A projector comprising:

- a color separation optical system which separates an illumination light into a first color light, a second color light and a third color light;
- a first image forming panel illuminated with said first color light;
- a second image forming panel illuminated with said second color light;
- a third image forming panel illuminated with said third color light;
- a color synthesis optical system which synthesizes said first color light from said first image forming panel, said second color light from said second image forming panel, and said third color light from said third image forming panel;
- a projection optical system which projects said synthesized light from said color synthesis optical system;
- a first substrate disposed between said first image forming panel and said color synthesis optical system;
- a second substrate disposed between said second image forming panel and said color synthesis optical system; and
- a third substrate disposed between said third image forming panel and said color synthesis optical system;

wherein a thickness of said first substrate is greater than a thickness of said second substrate and a thickness of said third substrate.

Claim 35. (new) A projector according to claim 34, wherein said first substrate has a polarizer at a first image forming panel side, said second substrate has a polarizer at a second image forming panel side, and said third substrate has a polarizer at a third image forming panel side.

Claim 36. (new) A projector comprising:

- a color separation optical system which separates an illumination light into a first color light, a second color light and a third color light;
- a first image forming panel illuminated with said first color light;
- a second image forming panel illuminated with said second color light;
- a third image forming panel illuminated with said third color light;
- a color synthesis optical system which synthesizes said first color light from said first image forming panel, said second color light from said second image forming panel, and said third color light from said third image forming panel;
- a projection optical system which projects said synthesized light from said color synthesis optical system;
- a first substrate disposed between said first image forming panel and said color synthesis optical system;
- a second substrate disposed between said second image forming panel and said color synthesis optical system; and
- a third substrate disposed between said third image forming panel and said color synthesis optical system;

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wherein a thermal conductivity of a material of said first substrate is greater than a thermal conductivity of a material of said second substrate and a thermal conductivity of a material of said third substrate.

Claim 37. (new) A projector according to claim 36, wherein said first substrate has a polarizer at a first image forming panel side, said second substrate has a polarizer at a second image forming panel side, and said third substrate has a polarizer at a third image forming panel side.